WHAT IS CLAIMED IS:

1   1.   A system for transferring selected imaging data from a

2 digital camera to a personal imaging repository located on a client computer

3 connected to a web server computer providing a camera web service via the

4 Internet, comprising:

5   a personal imaging repository associated with a particular user for

6 storing imaging data that is to be accessed by requested web services;

7   a camera content for storing selected imaging data from the

8 digital camera onto said personal imaging repository responsive to user

9 selection; and,

10   a camera web service for providing said camera content and

11 transferring the selected imaging data from the digital camera to said personal

12 imaging repository;

13   wherein said personal imaging repository is an exchange

14 infrastructure between the imaging data and available web services.

1   2.   The system as defined in claim 1 further comprising a

2 browser provided by the client computer for displaying said camera content to

3 the user.

4   3.   The system as defined in claim 1 wherein said personal

5 imaging repository comprises an imaging data store for storing the imaging

6 data.

1   4.   The system as defined in claim 1 wherein said personal

2 imaging repository comprises a composition store for storing imaging

3 compositions of the imaging data that are serviced as a single unit.

1   5.   The system as defined in claim 4 wherein an imaging

2 composition comprises imaging data or a link to the imaging data.

3   6.   The system as defined in claim 1 wherein said camera web

4   service is linked to the digital camera.

1   7.   The system as defined in claim 1 wherein said camera web

2   service is located in the digital camera.

1   8.   The system as defined in claim 1 wherein said camera web

2   service is located in a camera web server computer.

1   9.   The system as defined in claim 1 wherein said camera web

2   service is located in the imaging client computer.

1   10.   The system as defined in claim 1 wherein said personal

2   imaging repository is located on the client computer.

1   11.   The system as defined in claim 1 wherein said personal

2   imaging repository is located on another data storage device that is linked to

3   the client computer.

1   12.   The system as defined in claim 1 further comprising an

2   extension component providing access to the user information for associating

3   said camera content to said personal imaging repository.

1   13.   A method for transferring selected imaging data from a

2   digital camera to a personal imaging repository, having an imaging data store

3   for storing the imaging data and a composition store for storing imaging

4   compositions having links to the imaging data serviced as a single unit, the

5   imaging data store and composition store being located on a computer

6   connected to a camera web server providing a camera web service via the

7   Internet, said method comprising:

8   requesting web content from the camera web service by the

9   browser;

10   responding to the request by supplying camera content to the

11   browser;

12   displaying and executing the camera content by the browser;

13   transferring selected imaging data to the camera content by the

14 digital camera; and,

15   saving the selected imaging data to the personal imaging

16 repository.

1   14.   The method according to claim 13, wherein prior to said

2 step of responding to the request, further comprising the steps of:

3   determining whether the connection with the camera web service

4 is successful;

5   returning an error message to the user when the connection with

6 the camera web service is not successful;

7   determining whether the camera web service has a link to the

8 digital camera when the connection with the camera web service is successful;

9 and,

10   returning an error message to the user when the connection with

11 the camera web service does not have a link to the digital camera.

1   15.   The method according to claim 13 wherein said step of

2 displaying and executing the camera content further comprising the steps of:

3   retrieving a list of the imaging data stored on the digital camera

4 by the camera content;

5   displaying the retrieved list of the imaging data on the browser

6 for user selection; and,

7   selecting the displayed imaging data for transfer to personal

8 imaging repository by the user.

1   16.   The method according to claim 13, wherein prior to said

2 step of transferring selected imaging data to the camera content, further

3 comprising the steps of:

4   requesting selected imaging data from the web camera web

5   service by the camera content;

6   receiving the request for the selected imaging data from the

7   camera content by the camera web service;

8   requesting selected imaging data from the digital camera by the

9   camera web service responsive to the request; and,

10   receiving the request from the camera web service by the digital

11   camera.

1   17.   The method according to claim 15 further comprising the

2   steps of:

3   transferring the selected imaging data to the camera web service

4   by the digital camera responsive to the request;

5   transferring the selected imaging data to the camera content by

6   the camera web service responsive to the request; and,

7   receiving the selected imaging data by the camera content.

1   18.   The method according to claim 13 wherein said step of

2   saving the selected imaging data to the personal imaging repository further

3   comprising the steps of:

4   saving the selected imaging data to the imaging data store by the

5   camera web content;

6   creating an imaging composition that includes a link for each

7   selected imaging data by the camera web content;

8   saving imaging composition to the composition store by the

9   camera web content; and,

10   setting the imaging composition as the selected composition with

11   composition store.

1   19.   A computer program product comprising a computer

2   usable medium having computer readable program codes embodied in the

3   medium that when executed causes a computer to:

4   request web content from the camera web service by the browser;

5   respond to the request by supplying camera content to the

6   browser;

7   display and execute the camera content by the browser;

8   transfer selected imaging data to the camera content by the digital

9   camera; and,

10   save the selected imaging data to the personal imaging repository.

1   20.   A computer program product comprising a computer

2   usable medium having computer readable program codes embodied in the

3   medium that when installed in a computer having a browser that is connected

4   to a camera web service linked to a digital camera with imaging data, the

5   product causes the computer to:

6   display and execute a camera content from the camera web

7   service on the browser;

8   retrieve a list of the imaging data stored on the digital camera;

9   display the retrieved list of the imaging data on the browser; and,

10   request selected imaging data from the camera web service.

1   21.   A computer program product comprising a computer

2   usable medium having computer readable program codes embodied in the

3   medium that when installed in a computer having a personal imaging

4   repository with an imaging data store for storing the imaging data and a

5   composition store for storing imaging compositions with links to the imaging

6   data serviced as a single unit that is connected to a camera web service linked

7   to a digital camera with imaging data, the product causes the computer to:

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8   receive selected imaging data transferred from the camera web

9   service;

10   save the selected imaging data to the imaging data store;

11   create an imaging composition that includes a link for each

12   selected imaging data by the imaging client;

13   save the imaging composition to the composition store; and,

14   set the imaging composition as the selected composition with the

15   composition store.

1   22.   A computer program product comprising a computer

2   usable medium having computer readable program codes embodied in the

3   medium that when installed in a web service computer that is connected to a

4   computer having a browser that is linked to a digital camera with imaging data

5   and a personal imaging repository having an imaging data store for storing the

6   imaging data and a composition store for storing imaging compositions with

7   links to the imaging data serviced as a single unit, the product causes the web

8   service computer to:

9   send a camera content responsive to a request for web content

10   from a browser;

11   receive a request for selected imaging data from the browser;

12   request the selected imaging data from the digital camera; and,

13   transfer the selected imaging data from the digital camera to the

14   camera content.

1   23.   A computer program product comprising a computer

2   usable medium having computer readable program codes embodied in the

3   medium that when installed in a digital camera, having a camera web service

4   and imaging data, connected to a computer having a browser that is linked to a

5   personal imaging repository having an imaging data store for storing the

6   imaging data and a composition store for storing imaging compositions with

7   links to the imaging data serviced as a single unit, the product causes the digital

8   camera to:

9   send a camera content responsive to a request for web content

10   from a browser;

11   receive a request for selected imaging data from the browser; and,

12   transfer the selected imaging data stored on the digital camera to

13   the camera content.